

Boat Performance Bulletin



Test Date May 13, 2022	Performance Summary						
	Max Performance		Cruise Performance		Acceleration 0 - 20mph		
	48.4 mph	5950 rpm	27.9 mph	4000 rpm	3.7 seconds		
	23.7 gph	2 mpg	9.3 gph	3 mpg	Acceleration 0 - 30mph		
7 °C					6.6 seconds		
Test Location Shuswap Lake, BC	Engine(s)		Propeller / Impeller		Boat		
Wind Speed 5mph SW	Number of Engines	1	Name	Enertia		Boat Brand	Kingfisher
Elevation 1,138 ft	Engine Type	Outboard	Material	Stainless		Boat Model	2425 Escape
Sea State Moderate Chop	Engine Make	Mercury	Pitch	18		Boat Type	Aluminum/Deep V
Load Medium	Engine Model	Fourstroke	Number of Blades	3		Boat Material	Aluminum
	Horsepower	300				Length	24' 8"
	Cylinders	8				Beam	102"
	Drive Model / Type	5.44"				Fuel Capacity (L)	322
	Gear Ratio	1.75:1				Stock Number	9842

Performance

RPM Range	Speed (mph)	Fuel Consumption (gph)	Fuel Economy (mpg)	Range (miles)
1000	4.9	1.3	3.9	328
2000	8.4	3.4	2.5	210
3000	14.9	6.5	2.3	195
3500	22.5	7.9	2.8	242
4000	27.9	9.3	3.0	257
4500	31.5	11.2	2.8	239
5000	41.9	17.4	2.4	205
5500	46.5	21.5	2.2	184
5950	48.4	23.7	2.0	174



Boat Performance Bulletin



Test Date October 24, 2024	Performance Summary					
	Max Performance		Cruise Performance		Acceleration 0 - 20mph	
	47 mph	6000 rpm	30.5 mph	4000 rpm	3.7 seconds	
	23.6 gph	2 mpg	9.4 gph	3.2 mpg	Acceleration 0 - 30mph	
Test Location Shuswap Lake, BC					5.6 seconds	
Air Temperature 1 °C						
Engine(s)		Propeller / Impeller		Boat		
Wind Speed 4mph WSW	Number of Engines 1	Name Enertia	Material Stainless	Boat Brand Kingfisher	Boat Model 2425 Escape	
Elevation 1,138 ft	Engine Type Outboard	Pitch 16	Number of Blades 3	Boat Type Aluminum/Deep V	Boat Material Aluminum	
Sea State Calm	Engine Make Mercury			Length 24' 8"	Beam 102"	
Load Light	Engine Model Fourstroke			Fuel Capacity (L) 322	Stock Number 11010	
	Horsepower 250					
	Cylinders 8					
	Drive Model / Type 5.44"					
	Gear Ratio 1.75:1					

